Industrial Ink Jet Printer

T3016 *SprintJet* Series

To understand Tally's innovative *SprintJet* printer family, you'll need to give up any preconceptions about ink jet printing. The T3016 ink jet printer is industrial-strength. It is fast—2760 CPS. It is rugged and reliable with workloads to 60,000 pages per month. The ink is quick-drying and permanent. It accommodates single sheets, up to three different tractor forms, and it produces whisper-quiet, ink jet quality at less than 1/3 of a penny per page.

With the introduction of the T3016 IGF, Tally revolutionizes the world of bar code and industrial graphics printing. The T3016 IGF is the only ink jet printer on the market to offer line matrix emulations as well as QMS Code V and PGL. And the T3016 IGF provides the only forms overlay available in this class of product - *SprintForm*. Say goodbye to expensive pre-printed forms, storing them, loading them and wasting them when new forms are needed. *SprintForm* is Tally's unique electronic solution. And now, T3016 or T3016 IGF output can be enhanced with *spot color*!

With intense speed, ink jet print quality and low cost of ownership, the T3016 *SprintJet* printers deliver advantages to the market never before possible.

- **Ink jet quality at only 1/3 of a penny per page!**
- **Load either cut sheets or continuous forms (up to three input tractors)**
- **Whisper-quiet 49 dB(A) operation**
- **Up to three times faster than comparably priced impact printers - up to 600 lines per minute, 2760 characters per second, 16 pages per minute**
- **Installs seamlessly into legacy applications**
- **Ideal for bar code, label & forms printing; QMS CodeV/PGL standard on IGF models**
- **Cutting device and 10/100BaseT network connectivity optional**
- ***Spot Color* optional for added emphasis**
- **Long life, 3 billion character print head and 40 million character ink cartridges**
- **Fast drying & permanent ink**

EXPECT More.

Tally®

Computer Printers

MANUFACTURING/DISTRIBUTION	DIRECT MAIL/SERVICE BUREAUS	HEALTHCARE
• Print bar code labels, inventory lists, shipping documents • Generate invoices or shipping documnets on the fly with *SprintForm* on T3016 IGF • Handles a wide variety of media sizes & weights from tractor forms to single sheets • High speed printing of bar codes and oversized characters	• Print Cheshire®, correspondence, postcard mailers • USPS POSTNET® certified • Straight paper path for reliability on long print runs • Ethernet 10/100BaseT connectivity available • Ink jet quality at less than 1/3 of a penny per page • 2250/HR Standard AIAG Labels (2 up or across)	• Print prescription labels, patient charts and history forms • Wide format, low-cost output on a wide variety of media • High yield ink cartridge plus high capacity tractor paper means minimal user intervention • Whisper quiet operation at 49 dB(A)

Tally's T3016 IGF *SprintJet* Printer Series: Tally innovation at its best.

The ONLY printer anywhere to combine:

- Ink jet print quality
- Dot matrix paper handling versatility
- Laser speed and quiet operation

and NOW. . .

Line printer emulations. . .

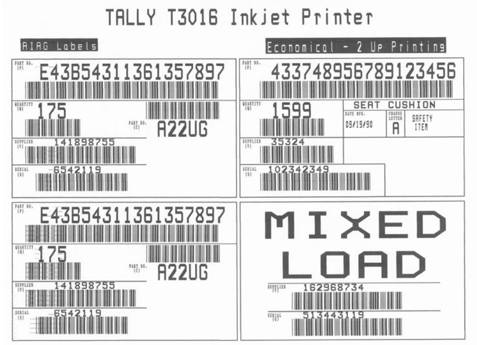
The T3016 IGF (Industrial Graphics and Forms) features the industry standard **line matrix printer languages**. The following emulations are all standard in the T3016 IGF (not expensive options) guaranteeing full compatibility with your existing applications.

- Tally Line Printer
- Printronix P6000
- Genicom ANSI
- HP 2564C
- Epson FX 1180
- IBM Proprinter III XL

Maintain compatibility with legacy systems while upgrading to T3016 print quality, print speed and functionality

Industrial Graphics and Bar Codes!

- QMS Code V
- Printronix Graphic Language (PGL)
- Generate 2,250 standard AIAG labels per hour!



T3016 Industrial Graphics Sample output

SprintForm — Produce High-Quality Electronic Forms On-the Fly!

A simple way to integrate electronic forms into your business and save HUNDREDS of dollars:

- No changes to current applications
- No expensive special software

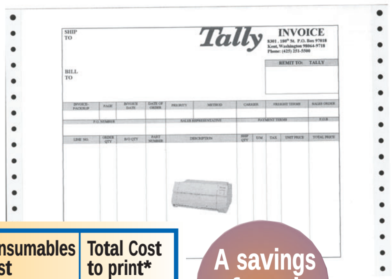
SprintForm — The Benefits

- Save the expense and storage space of costly pre-printed forms
- No more time wasted at the printer loading the right form
- Make changes as needed—never use an obsolete form
- Zero processing time on downloaded forms
- On multi-part forms applications—process data once, print many
- Print on single sheets or tractor paper

Up to 10 different forms can be stored and merged in the T3016 IGF eliminating the need for a server or host-based merge program. Network traffic is reduced and throughput is improved. *SprintForm* is designed to fill all your forms printing needs:

- ✓ Single part forms up to 16" wide
- ✓ Multi-part forms – process data once, print many
- ✓ Multi-format, multi-part forms

Sample 3-part form



Check out the savings!

Cost to Print sample 3-Part Form

	Media Cost	Consumables Cost	Total Cost to print*
3-part NCR Form	$0.07	$0.0012	$0.071*
Electronic Form printed on 21 PPM laser	$0.021	$0.03	$0.051*
Electronic Form printed on on T3016 IGF with *SprintForm*	$0.024	$0.012	$0.036*

A savings of nearly 50%

*Monochrome

SprintForm is easy!

Forms are easily activated, listed, printed and deleted via the Windows-based T3016 IGF *SprintForm* Overlay Manager or escape codes.

For other environments, forms management is available using the printer's control panel menu.

Once a form is activated, normal data is sent to the printer as if a preprinted form were loaded. The T3016 IGF takes it from there – automatically merging the data with the form.

Tally's authorized resellers will work with you to develop and download your customized forms to the printer.

Forms Activity	Create	Delete	Name	List	Activate / Deactivate	Print
Contact Authorized Tally Reseller	⊠					
Overlay Manager		⊠	⊠	⊠	⊠	⊠
Control Panel		⊠	⊠	⊠	⊠	⊠
Escape Sequence		⊠	⊠	⊠	⊠	⊠

Tally's T3016C *SprintJet* Printer Series: Tally introduces *Spot Color*

Add Emphasis with Spot Color!

With the introduction of the T3016C / T3016C IGF, Tally is the first to incorporate color into industrial graphics printing applications.

The use of *spot color* for industrial print applications is becoming more common. Labels are easily grouped or differentiated by color. Color highlights provide emphasis on reports, spot colored logos, and make an impact on invoices and labels.

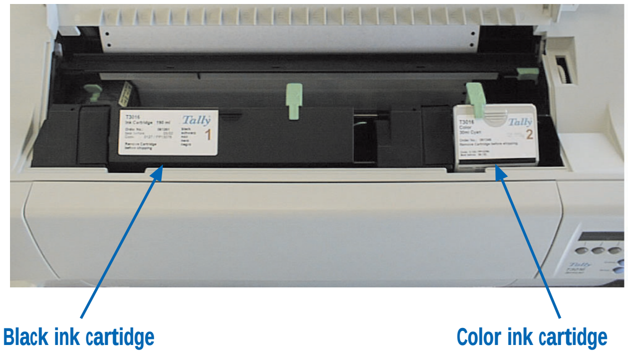
Add the cyan company logo to your invoice or identify the negative numbers of a financial report with RED text.

The T3016C / T3016C Windows drivers allow easy selection of *spot color* in documents. For the industry standard industrial graphics languages and other legacy applications that have not supported color in the past, Tally has added unique color commands for easy implementation in all environments.

Unique Printhead Design

All T3016 models use two 128-nozzle Piezo print heads that provide the extraordinary print speed and high resolution output. The industrial strength Piezo print head has a 3 billion character life for long term reliable operation.

The T3016 ink cartridges are packaged in easy to replace modules (40 Million character monochrome and 8 Million character color). Tally's proprietary oil-based ink produces dark, high-quality images which dry to permanent in less than one second.



The T3016C incorporates a second slot to add a color ink cartridge in addition to the standard black cartridge.

Color selections include cyan, magenta, yellow, green, or red.

Because one of the print heads is dedicated to color and one is dedicated to monochrome, the print speed for the T3016C / T3016C IGF models is 300 lines per minute or 8 PPM. This is excellent throughput for processing high-quality documents with a splash of color and at a low cost per page.

Although not designed for continuous color printing, the *spot color* feature offers industrial printing users a truly unique tool to enhance their output by adding a single color highlight.

The T3016 family of products **offers ultimate in versatility. Various configurations can be ordered from the factory to provide the ideal solution for your application.**

Printer Model (Specify at time of order. Configured at Factory.)	Emulations	*Spot Color*	Industrial Graphics and SprintForm	Additional Rear Tractor
T3016*	Standard - see back specs	No	No	No
T3016-2T*	Standard - see back specs	No	No	Yes
T3016C*	Standard - see back specs	Yes	No	No
T3016 IGF*	Line printer, industrial graphics	No	Yes	No
T3016-2T IGF*	Line printer, industrial graphics	No	Yes	Yes
T3016C IGF*	Line printer, industrial graphics	Yes	Yes	No

*Note: All models offer additional front tractor option — user installable

EXPECT More.

Tally®

Computer Printers

T3016 / T3016C

Ultimate in high speed, quiet operation, and low cost of ownership!

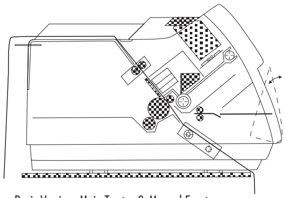
Features & Specifications	T3016 / T3016IGF SprintJet
Print Technology	Ink jet
Print Speeds	Draft: 2000 cps at 10 cpi T3016; Draft: 1000 cps at 10 cpi T3016C
Print Head Type	Two 128 nozzle Piezo print heads, 3 billion character life
Workload	Up to 60,000 pages per month
Throughput	Monochrome: 1000 pages per hour, 16 pages per minute, 600 lines per minute
	Color: 500 pages per hour, 8 pages per minute, 300 lines per minute
Fonts	Draft, Courier, Roman, San Serif, OCR A/B, 15 Bar codes & scalable LCP font
Character Density	Standard: 10,12,15,17.1, 20 cpi + elongated IGF: 5, 6, 6.67, 7.5, 8.6, 10, 12, 13.3, 15, 17.1, 20cpi
Line Density	Standard: 2, 3, 4, -6, 8, 12 lpi IGF: 1.5, 2, 3, 4, 5, 6, 8, 9, 10, 12 lpi
Graphics Resolution (V x H)	360 x 360 dpi
Paper Handling	Standard: Push tractor, front feed with straight paper path; manual front insertion for single sheets;
	auto paper load, auto quick tear, full paper parking; AGA**
	Optional: Automatic dual-bin sheet feeder, 190 copies each bin; second front push tractor (user installable);
	optional rear tractor factory installed
Interfaces	Standard: Parallel and serial (auto-switching)
	Optional: 10/100BaseT Ethernet (Novell & TCP/IP), Twinax, Coax, Twinax IPDS, Coax IPDS, RS-422, Current loop
Compatibility	Standard: MTPL***, IBM® Proprinter™ XL24e, Epson® LQ 2550, Epson LQ 2170 (ESC/P),
	T3016 IGF: MT 660, Printronix P6000, Genicom Ansi 3.64, HP2564C, Epson FX-1180, IBM Proprinter III XL,
	QMS CodeV, Printronix PGL
Consumables	Ink Cartridges (monochrome), 40 million characters (color) 8 million characters
Noise Level	49 dB(A)
Print Line	13.6"or 136 columns at 10 cpi
Paper Sizes	Width 3" to 16"
Physical (W x H x D)	24.5" x 10.9" x 16.9", 41.8 lbs
Power Requirements	AC 120V, 60 Hz and AC 230V +/- 10%, 50 Hz/60 Hz (selectable)
Power Consumption	60 Watts (printing)
MTBF	10,000 hours @ 25% duty cycle
Environmental	+10ºC to +35ºC (temperature); 20% to 80% (relative humidity)
Options	Second front push tractor, Ethernet, Current Loop and RS422 interfaces; paper cutter, printer stand,
	pedestal cabinet, dual bin sheet feeder; rear push tractor factory installed

*** Auto gap adjustment *** Tally Printer Language*

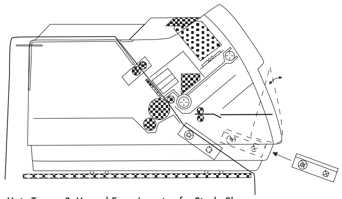
BSEN ISO 9001: 1994
Certificate No. FM 28149

EPA POLLUTION PREVENTER

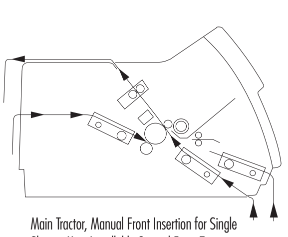
10/01. Specifications subject to change without further notice, all product and brand names are trademarks of the respective companies.



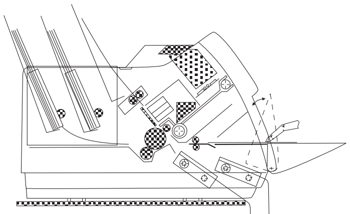
Basic Version, Main Tractor & Manual Front Insertion for Single Sheets



Main Tractor & Manual Front Insertion for Single Sheets with User Installable Second Tractor in the Front



Main Tractor, Manual Front Insertion for Single Sheets, User Installable Second Front Tractor, Optional Rear Tractor installed at Factory



Main Tractor & Manual Front Insertion with Optional Second Tractor in the Front and Auto Dual-Bin Sheet Feeder

Consultex Inc. / The printer Place
2140 South Dupont Drive, Anaheim, CA 92806 USA
Telephone (714) 634-8448, 1-800-243-3338, Fax: (714) 634-2193
http: / / www.theprinterplace.com

Cost Per Page Comparison*

Technology	Cost / cents ¢
Serial Ink Jet	3.0
Thermal Transfer	2.0
Laser	1.0
T3016 Industrial Ink Jet	0.3
Serial Impact	0.12
Line Impact	0.1

*Monochrome

T3016 with Manual Front Insertion

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